display device)
IT 9012-09-3, Triacetyl cellulose
(transparent support; high refraction film, high refraction film-forming coating composition, anti-reflection film, protective film for polarizing plate, polarizing plate and image display device)
OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

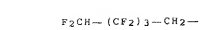
L54 ANSWER 15 OF 32 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:56203 HCAPLUS Full-text
DOCUMENT NUMBER: 138:91493
TITLE: Radiation-curable compositions and manufacture of multilayer sheets using them
INVENTOR(S): Kitano, Takahiro; Suzuki, Koichi; Kubo, Keiji; Ogushi, Masayasu; Terada, Kazutoshi
PATENT ASSIGNEE(S): Kuraray Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003020303	A	20030124	JP 2001-209285 <--	20010710
PRIORITY APPLN. INFO.:			JP 2001-209285 <--	20010710

ED Entered STN: 24 Jan 2003
AB The radiation-curable compns., useful for forming antireflective films, etc., contain fluoro compds. having ≥1 CF2 unit and (meth)acryloyl group in a mol., silica sol (particle size ≤60 nm), and polymerization initiators. Thus, a composition containing MEK-ST (colloidal silica) 3, 2,2,3,3,4,4,5,5-octafluorohexane 1,6-diacrylate 7, Irgacure 184 0.5, and MEK 90 parts showed pot life ≥30 days at room temperature in a sealed container. The composition was applied on an acrylic resin sheet, dried, and UV-irradiated for 30 s to give a multilayer sheet showing pencil hardness 4H and refractive index (of coating film) 1.372.
IT 25656-08-0P
(radiation-curable coatings with long pot life containing fluoro (meth)acrylate and silica sol for scratch-resistant antireflective layers)
RN 25656-08-0 HCAPLUS
CN 2-Propenoic acid, 2,2,3,3,4,4,5,5-octafluoropentyl ester, homopolymer (CA INDEX NAME)

CM 1

CRN 376-84-1
CMF C8 H6 F8 O2



IC ICM C08F002-44
ICS 832B027-30; C08F020-22; C09D004-02; C09D005-00
CC 42-7 (Coatings, Inks, and Related Products)
Section cross-reference(s): 37, 38, 73
ST radiation curable coating scratch resistance antireflective; pot life radiation curable fluoro acrylate; fluoro acrylate coating scratch resistance antireflective; multilayer antireflective film fluoro methacrylate coating
IT Antireflective films
(radiation-curable coatings with long pot life containing fluoro (meth)acrylate and silica sol for scratch-resistant antireflective layers)
IT Silica gel, uses
(radiation-curable coatings with long pot life containing fluoro (meth)acrylate and silica sol for scratch-resistant antireflective layers)
IT Coating materials
(radiation-curable; radiation-curable coatings with long pot life containing fluoro (meth)acrylate and silica sol for scratch-resistant antireflective layers)
IT Coating materials
(scratch-resistant; radiation-curable coatings with long pot life containing fluoro (meth)acrylate and silica sol for scratch-resistant antireflective layers)
IT Acrylic polymers, uses
(substrates; radiation-curable coatings with long pot life containing fluoro (meth)acrylate and silica sol for scratch-resistant antireflective layers)
IT 7631-86-9, MEK-ST, uses
(colloidal; radiation-curable coatings with long pot life containing fluoro (meth)acrylate and silica sol for scratch-resistant antireflective layers)
IT 25656-08-0P 153893-38-0P
(radiation-curable coatings with long pot life containing fluoro (meth)acrylate and silica sol for scratch-resistant antireflective layers)

L54 ANSWER 16 OF 32 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:36901 HCAPLUS Full-text
DOCUMENT NUMBER: 138:80490
TITLE: Optical fibers
INVENTOR(S): Sawada, Minoru; Suzuki, Masahiro
PATENT ASSIGNEE(S): Junkosha Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003014967	A	20030115	JP 2001-200410	20010702

<--
PRIORITY APPLN. INFO.: JP 2001-200410 20010702
<--

ED Entered STN: 16 Jan 2003
AB The fibers comprise: (1) a core (n = n0); (2) a 1st cladding layer (n = n1 > n0); and (3) a 2nd cladding layer (n = n2 < n0), where the thickness of (2) is < λ and > λ/100 (λ = wavelength of the light employed).
IT 9002-84-0, Teflon
(optical fibers with double claddings)
RN 9002-84-0 HCAPLUS
CN Ethene, 1,1,2,2-tetrafluoro-, homopolymer (CA INDEX NAME)

CM 1

CRN 116-14-3
CMF C2 F4

IC ICM G02B006-22
CC 73-11 (Optical, Electron, and Mass Spectroscopy and Other Related Properties)
ST optical fiber double cladding
IT Optical fibers
Refractive index
(optical fibers with double claddings)
IT Fluoropolymers, uses
(optical fibers with double claddings)
IT 9002-84-0, Teflon 37626-13-4, Teflon AF1600
(optical fibers with double claddings)

L54 ANSWER 17 OF 32 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:752412 HCAPLUS Full-text
DOCUMENT NUMBER: 137:286157
TITLE: Laminate comprising a needle-like antimony-containing tin oxide and antireflection film comprising the same
INVENTOR(S): Nishikawa, Akira; Shimomura, Hiroomi
PATENT ASSIGNEE(S): JSR Corporation, Japan
SOURCE: Eur. Pat. Appl., 22 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1245968	A2	20021002	EP 2002-7019	20020327
			<--	
EP 1245968	A3	20021009		
EP 1245968	B1	20040630		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR